

Attorney Docket No. 01740726

IN RE: APPLICATION OF:

GROUP ART UNIT: Not Yet Assigned

EXAMINER: Not Yet Assigned

APPLICATION SER. NO.: Not Assigned

FOR: NAVIGATION ROUTE
PLANNING SYSTEM

Timothy Hubalik
(typed or printed name of person mailing paper or fee)

(signature of person mailing paper or fee)

BOX NEW PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

In the above referenced application, prior to examination, please amend the application as follows:

IN THE SPECIFICATION:

On page 1, lines 1-3, replace “Navigation route planning system” with the following:

—

SPECIFICATION

Title of the Invention

NAVIGATION ROUTE PLANNING SYSTEM- -

On page 1, before line 3, insert:

- - Background of the Invention

Field of the Invention

The present invention relates generally to the field of automated navigation systems.

More specifically, the present invention is directed to systems and methods for automatically generating navigation information in automobiles.

Description of the Related Art - -

On page 1, in line 19, replace "to enter" with -- entry of --;

On page 1, in line 22, delete "to"

On page 1, after line 24, insert:

- - Summary of the Invention - -

On page 1, in line 32, replace "to" with -- with--;

On page 1, in line 33, replace "informations" with -- information --;

On page 2, after line 18, insert:

- - Brief Description of the Drawings - -

On page 2, in line 28, insert:

- - Detailed Description of the Presently Preferred Embodiments - -

On page 2, line 31, delete "as";

On page 3, line 4, replace "provides to allow" with -- allows ---;

On page 3, in line 8, replace "inputted" with -- input --;

On page 3, in line 20 delete “an” ;

On page 5, in line 18, replace “these informations” with – – this information -- ;

On page 5, in line 20, replace “to” with – – with – – ;

On page 6, in line 13, replace “visits” with – visit--;

On page 6, in line 19, replace “inputted” with – input -- ;

On page 7, in line 17, replace “fat” with – in large text – ;

On page 7, in line 21 delete “to take”;

Please replace claims 1- 9 with the following new claims:

1. A navigation system comprising:

a user I/O interface;

a means for providing position information;

a means for determining route information which receives a set of interval point requests

from a user and timing information associated with corresponding interval point requests, and

further wherein said route information is based on dynamic traffic condition information

received by the system.

2. A navigation system according to claim 1, wherein the means for determining

route information provides at least one proposed route which may be accepted or

rejected by a user.

3. The navigation system according to claim 2, wherein the means for determining route information provides a plurality of proposed routes arranged according to a priority.
4. A navigation system according to claim 3, further comprising a means for automatically determining a failure to maintain a route schedule and thereafter automatically replanning at least one route.
5. A navigation system according to claim 1, further comprising means for replanning a route automatically in response to a user rejection of route information.
6. A navigation system according to claim 1, further comprising means for accepting a user amendment of system generated route information.
7. A navigation system according to claim 1, further comprising a means for accepting input to the system via voice commands.
8. A navigation system according to claim 7, further comprising a means for receiving broadcast messages from a transmitter and wherein the broadcast messages are input to the system for use in calculating route information.

9. A method for generating navigation information comprising steps of :

receiving information from a user I/O interface;

generating current position information;

determining at least one proposed route based on a set of interval point requests from a user and timing information associated with corresponding interval point requests;

receiving dynamic traffic condition information; and

thereafter modifying a proposed route based on the dynamic traffic condition information.

10. A method for generating navigation information according to claim 9, further comprising a step of allowing a user to accept or reject route information.

11. The method for generating navigation information according to claim 10, further comprising a step of providing a plurality of proposed routes arranged according to a priority.

12. The method for generating navigation information according to claim 9, further comprising a step of automatically determining a failure to maintain a route schedule and thereafter automatically replanning at least one route.

13. A method for generating navigation information according to claim 9, further comprising a step of replanning a route automatically in response to a user rejection of route information.

14. A method for generating navigation information according to claim 9, further comprising a step of accepting a user amendment of system generated route information.

15. A method for generating navigation information according to claim 9, further comprising a step of accepting input to the system via voice commands.

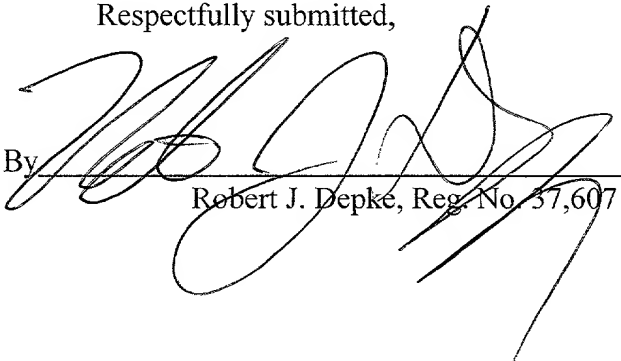
16. A method for generating navigation information according to claim 9, further comprising a step of receiving broadcast messages from a transmitter and wherein the broadcast messages are input to the system for use in calculating route information.

REMARKS

Applicants respectfully request entry of this amendment prior to examination of this application.

Respectfully submitted,

By



Robert J. Depke, Reg. No. 37,607

Date: May 4, 2001

MAYER, BROWN & PLATT
P.O. Box 2828
Chicago, Illinois 60690-2828
312/701-8786